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NOTICE OF ALLOWANCE AND FEE(S) DUE

26119

7590

12/27/2007

KLARQUIST SPARKMAN LLP 121 S.W. SALMON STREET SUITE 1600 PORTLAND, OR 97204

EXA	MINER
PATEL,	JAYESH A
ART UNIT	PAPER NUMBER
2624	

DATE MAILED: 12/27/2007

1	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
1	10/622.284	07/18/2003	Pohsiang Hsu	3382-66128	4607

TITLE OF INVENTION: INTRAFRAME AND INTERFRAME INTERLACE CODING AND DECODING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1440	\$300	\$0	\$1740	03/27/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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or Fax (571)-273-2885

appropriate. All further of indicated unless correcte maintenance fee notificat	correspondence including below or directed oth tions.	g the Patent, advance or erwise in Block I, by (a					orrespondence address as ate "FEE ADDRESS" for
CURRENT CORRESPONDE	ENCE ADDRESS (Note: Use Blo	ock 1 for any change of address)	Fee(s) Transmittal. Thi	s certificate canno l paper, such as a	ot be used fo in assignmen	domestic mailings of the rany other accompanying tor formal drawing, must
121 S.W. SALM SUITE 1600				Cor	tificate of Mailin	a or Tronsn	deposited with the United class mail in an envelope bove, or being facsimile te indicated below.
PORTLAND, OI	R 97204						(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTORNEY DOO	CKET NO.	CONFIRMATION NO.
10/622,284	07/18/2003		Pohsiang Hsu		3382-661	28	4607
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nonprovisional	NO	\$1440	\$300	\$0	s	1740	03/27/2008
EXAM	INER	ART UNIT	CLASS-SUBCLASS]			
PATEL, JA		2624	382-239000	J			
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CFR 1.363). Change of corresponders form PTO/SE "Fee Address" indi	ondence address (or Cha 8/122) attached. ication (or "Fee Address' 2 or more recent) attach	nge of Correspondence	(1) the names of up to or agents OR, alternativ (2) the name of a singl registered attorney or a 2 registered patent atto listed, no name will be	vely, e firm (having as a agent) and the nam meys or agents. If	member a 2_ es of up to		
PLEASE NOTE: Unl	ess an assignee is identi h in 37 CFR 3.11. Comp	ified below, no assignee	THE PATENT (print or type data will appear on the pure a substitute for filing and (B) RESIDENCE: (CITY)	atent. If an assign assignment.		elow, the do	cument has been filed for
Please check the appropri	iate assignee category or	categories (will not be pr	rinted on the patent):	Individual 🗆 Co	orporation or othe	r private gro	up entity Government
	are submitted: lo small entity discount p # of Copies	permitted)	b. Payment of Fee(s): (Plea A check is enclosed. Payment by credit car The Director is hereby overpayment, to Depo	d. Form PTO-2038	3 is attached.		,
5. Change in Entity Sta					· · · · · · · · · · · · · · · · · · ·		
	s SMALL ENTITY state		b. Applicant is no loned from anyone other than t				
NOTE: The Issue Fee an interest as shown by the	d Publication Fee (if req records of the United Sta	uired) will not be accepte	of from anyone other than to Office.	ne applicant; a reg	istered attorney of	r agent; or the	e assignee or other party in
Authorized Signature				Date			
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This collection of inform an application. Confident submitting the completed	nation is required by 37 C tiality is governed by 35 d application form to the	CFR 1.311. The information U.S.C. 122 and 37 CFR USPTO. Time will vary	on is required to obtain or 1.14. This collection is est y depending upon the individual of the chief Information Office	retain a benefit by timated to take 12 vidual case. Any co	the public which i minutes to complomments on the a Trademark Offic	s to file (and ete, including mount of ting e. U.S. Dena	by the USPTO to process) g gathering, preparing, and ie you require to complete rtment of Commerce, P.O.

this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

ATTORNEY DOCKET NO. APPLICATION NO FIRST NAMED INVENTOR CONFIRMATION NO. 07/18/2003 3382-66128 4607 10/622,284 Pohsiang Hsu **EXAMINER** 26119 7590 12/27/2007 PATEL, JAYESH A KLARQUIST SPARKMAN LLP ,121 S.W. SALMON STREET **ART UNIT** PAPER NUMBER **SUITE 1600** 2624 PORTLAND, OR 97204 DATE MAILED: 12/27/2007

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 857 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 857 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	<u>, </u>	
	Application No.	Applicant(s)
•	10/622,284	HSU ET AL.
Notice of Allowability	Examiner	Art Unit
	lovech A. Betel	2624
	Jayesh A. Patel	2024
The MAILING DATE of this communication apperature of the communication apperature of the communication apperature of allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in the or other appropriate communic IGHTS. This application is subj	is application. If not included cation will be mailed in due course. THIS
1. This communication is responsive to <u>11/30/2007</u> .		
2. X The allowed claim(s) is/are 22,24,26,29-32,64,65,67,69,72	2-75,78,79,81,83 and 85-91.	
3. ☐ Acknowledgment is made of a claim for foreign priority up a) ☐ All b) ☐ Some* c) ☐ None of the:		Ŋ.
1. Certified copies of the priority documents have		la
2. Certified copies of the priority documents have		
3. Copies of the certified copies of the priority do	cuments have been received in	this national stage application from the
International Bureau (PCT Rule 17.2(a)).		
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	of this communication to file a r I/ENT of this application.	eply complying with the requirements
4. A SUBSTITUTE OATH OR DECLARATION must be subminFORMAL PATENT APPLICATION (PTO-152) which give	nitted. Note the attached EXAMI es reason(s) why the oath or de	NER'S AMENDMENT or NOTICE OF claration is deficient.
5. CORRECTED DRAWINGS (as "replacement sheets") must	st be submitted.	
(a) Including changes required by the Notice of Draftspers	son's Patent Drawing Review (F	PTO-948) attached
1) hereto or 2) to Paper No./Mail Date	:	
(b) ☐ including changes required by the attached Examiner' Paper No./Mail Date	s Amendment / Comment or in	the Office action of
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t	.84(c)) should be written on the d the header according to 37 CFR 1	rawings in the front (not the back) of .121(d).
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT	sit of BIOLOGICAL MATERI FOR THE DEPOSIT OF BIOLO	AL must be submitted. Note the GICAL MATERIAL.
Attachment(s)	E Nation of Inform	and Datant Application
1. Notice of References Cited (PTO-892)		nal Patent Application
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. ☐ Interview Sumr Paper No./Mai	il Date
3. ☑ Information Disclosure Statements (PTO/SB/08),	7. 🗌 Examiner's Am	
Paper No./Mail Date <u>See Continuation Sheet</u> 4. Examiner's Comment Regarding Requirement for Deposit	8. 🛛 Examiner's Sta	tement of Reasons for Allowance
of Biological Material	9. 🗌 Other	
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U.S. Patent and Trademark Office PTOL-37 (Rev. 08-06)	otice of Allowability	Part of Paper No./Mail Date 20071216

Application/Control Number: 10/622,284

Art Unit: 2624

DETAILED ACTION

Information Disclosure Statement

- 1. Information disclosure statements submitted on Nov 30 2007, May 07 2007, Mar 03 2006 and Jul 30 2004 have been considered by the examiner.
- 2. Claims 1-21, 23, 25, 27-28, 33-60, 62-63, 66, 68, 70-71, 76-77, 80, 82, and 84 are cancelled from further prosecution.
- 3. Independent Claims 22, 26, 64, 69, 78 and 83 are allowed. Dependent Claims 24, 29-32, 65, 67, 72-75, 79, 81 and 85-91 are allowed being dependent on the independent claims.

Allowable Subject Matter

Non of the prior art on record teaches or fairly suggests the rules of the DC and the AC predictions such as if the top-left block, the left block and the top block are intra-coded, the selected DC predictor depends on respective DC values of the top-left block the left block, and the top block; if the top-left block is not intra-coded but the left block and the top block are, intra-coded, the selected DC predictor depends on the respective DC values of the top block and the left block; if the left block is not intra-coded but the top block is intra-coded, the selected DC. predictor is the DC value of the top block; if the top block is not intra-coded but the left block is intra-coded, the selected D.C predictor is the DC value of the selected D.C predictor is the DC value of the left block; if the left block is not intra-coded and the top block is not

Application/Control Number: 10/622,284

Art Unit: 2624

intra-coded, D.C prediction is skipped from the current block; obtaining a DC value for the current block, wherein the obtaining comprises; if DC prediction is skipped for the current block, using the DC differential as the DC value for the current block; and if DC prediction is used for the current block, adding the selected DC predictor to the DC differential[[.III] and using the DC value in reconstruction of the current block, as recited in Claims 22, 26, 64, 69,78 and 83. The closest prior arts of record US 5974184, US 5959674, US 20040141654 and US 6215905 shows the AC and DC predictions using the techniques of differencing and threshold but none of them select the DC and AC values as recited in the Claims 22, 26, 64, 69,78 and 83, therefore it is allowable subject matter. Dependent Claims 24, 29-32, 65, 67, 72-75, 79, 81 and 85-91 are

Conclusion

allowed being dependent on the independent claims.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jayesh A. Patel whose telephone number is 571-270-1227. The examiner can normally be reached on M-F 7.00am to 4.30 pm (5-4-9). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jingge Wu can be reached on 571-272-7429. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/622,284 Page 4

Art Unit: 2624

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Jayesh Patel 12/14/07

SUPERMENT PATENT EXAMINER

NOV 3 0 2007

KBR:kbr 11/30/07 3382-66128-01 809589 305652.01

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-66128-01 10/622,284	
Application Number		
Filing Date	July 18, 2003	
First Named Inventor	Hsu	
Art Unit	2624	
Examiner Name	Jayesh A. Patel	

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U.S. PATENT DOCUMENTS

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Name of Applicant or Patentee Examiner's Cite No. **Publication Date** Number (aptional) initials* Ouyang et al. 11/10/1998 5,835,145 JP/ Boon et al. 11/14/2000 6,148,109 JP/ Haskell et al. 2/12/2002 6,347,116 /JP/ Kim et al. 5/27/2003 6,571,019 /JP/

EXAMINER SIGNATURE:	/Jayesh Patel/	DATE CONSIDERED:	12/14/2007

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

BCF:KBR:amc1 05/02/07 3382-66128-01 690877 305652.01

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

MAY 0 7 2007

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First Named Inventor	Hsu
Art Unit	2624
Examiner Name	Jayesh A. Patel

U.S. PATENT DOCUMENTS

number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the publication for unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
/JP/		4,454,546	12-Jun-84	Mori
/JP/		4,691,329	1-Sep-87	Juri et al.
/JP/		4,796,087	3-Jan-89	Guichard et al.
/JP/		4,800,432	24-Jan-89	Barnett et al.
/JP/		4,849,812	18-Jul-89	Borgers et al.
/JP/		5,021,879	4-Jun-91	Vogel
* /JP/		5,068,724	26-Nov-91	Krause et al.
/JP/		5,091,782	25-Feb-92	Krause et al.
/JP/		5,157,490	20-Oct-92	Kawai et al.
/JP/	\	5,258,836	2-Nov-93	Murata
/JP/		5,422,676	6-Jun-95	Herpel et al.
/JP/		5,448,297	5-Sep-95	Alattar et al.
/JP/		5,461,421	24-Oct-95	Moon
/JP/		5,467,086	14-Nov-95	Jeong
/JP/		5,510,840	23-Apr-96	Yonemitsu et al.
/JP/		5,539,466	23-Jul-96	Igarashi et al.
/JP/		5,544,286	6-Aug-96	Laney

			
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[•] Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

BCF:KBR:amc1 05/02/07 3382-66128-01 690877 305652.01

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First Named Inventor	Hsu
Art Unit	2624
Examiner Name	Jayesh A. Patel

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
/JP/		5,552,832	3-Sep-96	Astle
/JP/		5,666,461	9-Sep-97	Igarashi et al.
/JP/		5,668,932	16-Sep-97	Laney
/JP/		5,673,370	30-Sep-97	Laney
/JP/		5,748,789	5-May-98	Lee et al.
/JP/		5,764,814	9-Jun-98	Chen et al.
* /JP/		5,946,043	31-Aug-99	Lee et al.
/JP/		5,946,419	31-Aug-99	Chen et al.
/JP/		5,982,437	9-Nov-99	Okazaki et al.
/JP/		6,154,495	28-Nov-00	Yamaguchi et al.
/JP/		6,208,761	27-Mar-01	Passagio et al.
/JP/		6,259,810	10-Jul-01	Gill et al.
/JP/		6,275,531	14-Aug-01	Li
/JP/		6,292,585	18-Sep-01	Yamaguchi et al.
/JP/		6,304,928	16-Oct-01	Mairs et al.
/JP/	<u> </u>	6,496,601	12/17/2002	Migdal et al.
/JP/		6,563,953	13-May-03	Lin et al.

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Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
/JP/		6,573,905	3-Jun-03	MacInnis et al.
/JP/		60/488,710	18-Jul-03	Srinivasan et al.
/JP/		20020168066	14-Nov-02	Li
/JP/		20030113026	19-Jun-03	Srinivasan et al.
/JP/		20040042549	4-Mar-04	Huang et al.
'/JP/		20040136457	15-Jul-04	Funnell et al.
/JP/		20050053156	3/10/2005	Lin et al.

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
/JP/		Europe	EP 0 279 053	24-Aug-88	ANT Nachrichtentechnik
/JP/		Europe	EP 0 830 029	18-Mar-98	Bosch
/JP/		Japan	JP 61205086 (abstract)	11-Sep-86	Mitsubishi Electric
/JP/		Japan	JP 3001688 (abstract)	8-Jan-91	Nippon Telegraph & Telephone
/JP/		Japan	JP 6078295 (abstract)	18-Mar-94	Mitsubishi Electric
/JP/		Japan	JP 7274171 (abstract)	20-Oct-95	Sharp

EXAMINER SIGNATURE:	/Jayesh Patel/	DATE CONSIDERED:	06/18/2007

[•] Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Name	Jayesh A. Patel		

FOREIGN PATENT DOCUMENTS					
Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
/JP/		Japan	JP 6292188 (abstract)	18-Oct-04	Matsushita Electric
/JP/		Korea	KR 1003538510000 (abstract)	17-Jan-02	Elec. & Telecomm. Research Institute
Examiner's	Cite No.	OTHER DOCUMENTS			

Initials*	(optional)	OTHER DOCUMENTS		
/JP/		Hsu et al., "A Low Bit-Rate Video Codec Based on Two-Dimensional Mesh Motion Compensation with Adaptive Interpolation," IEEE, Transactions on Circuits and System		
		for Video Technology, Vol. II, No. 1, pp. 111-117 (January 2001).		
59	沙岩	ISO/IEC, "Coding of Moving Pictures and Associated Audio Information," JTCI/SC29/WG11, MPEG-4 Video Verification Model (February 1998).		
: 59	11	"ITU-T Recommendation T.6: Facsimile Coding Schemes and Coding Control Functions for Group 4 Facsimile Apparatus." Facicle VII.3 of the Blue Book, (1988).		
/JP/		Sjoberg et al., "Run-length Coding of Skipped Macroblocks," ITU-T SG16/Q.6 VCEG-M57, pp. 1-5 (April 2001)		
	<u> </u>	MI37, pp. 1-3 (April 2001)		

			
EXAMINER SIGNATURE:	/Jayesh Patel/	DATE CONSIDERED:	06/18/2007

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

GREATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-66128-01		
Application Number	10/622,284		
Filing Date	July 18, 2003		
First Named Inventor	Hsu		
Art Unit	2621		
Examiner Name	Jose L. Couso		

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
/JP/		4,661,849	04/28/1987	Hinman
/JP/		4,661,853	04/28/1987	Roeder et al.
/JP/		4,695,882	09/22/1987	Wada et al.
/JP/		4,862,267	08/29/1989	Gillard et al.
/JP/		4,864,393	09/05/1989	Harradine et al.
/JP/		5,103,306	04/07/1992	Weiman et al.
/JP/		5,175,618	12/29/1992	Ueda
/JP/		5,223,949	06/29/1993	Honjo
/JP/	•	5,298,991	03/29/1994	Yagasaki et al.
/JP/		5,412,430	05/02/1995	Nagata
/JP/		5,424,779	06/13/1995	Odaka
. /JP/		5,428,396	.06/27/1995	Yagasaki
/JP/		5,442,400	08/15/1995	Sun
/JP/		5,467,136	11/14/1995	Odaka
/JP/	-	5,477,272	12/19/1995	Zhang
/JP/		5,565,922	10/15/1996	Krause
/JP/		5,594,504	01/14/1997	Ebrahimi
/JP/		5,623,311	04/22/1997	Phillips et al.
/JP/		5,659,365	08/19/1997	Wilkinson
/JP/		5,692,063	11/25/1997	Lee et al.
/JP/		5,699,476	12/16/1997	Van Der Meer
/JP/		5,701,164	12/23/1997	Kato

			
EXAMINER SIGNATURE:	/Jayesh Patel/	DATE CONSIDERED:	06/19/2007

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INFORMATION DISCLOSURE STATEMENT **BY APPLICANT**

Attorney Docket Number	3382-66128-01
Application Number	10/622,284
Filing Date	July 18, 2003
First Named Inventor	Hsu
Art Unit	2621
Examiner Name	Jose L. Couso

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee	
/JP/		5,784,175	07/21/1998	Lee	
/JP/		5,787,203	07/28/1998	Lee et al.	
/JP/		5,796,855	08/18/1998	Lee	
/JP/		5,799,113	08/25/1998	Lee	
/JP/		5,825,929	10/20/1998	Chen et al.	
/JP/		5,844,613	12/01/1998	Chaddha	
/JP/		5,847,776	12/08/1998	Khmelnitsky	
/JP/		5,874,995	02/23/1999	Naimpally et al.	
/JP/	·	5,901,248	05/04/1999	Fandrianto et al.	
/JP/		5,946,042	08/31/1999	Kato	
/JP/		5,949,489	09/07/1999	Nishikawa et al.	
/JP/		5,959,673	09/28/1999	Lee	
/JP/	-	5,963,258	10/05/1999	Nishikawa et al.	
/JP/		5,963,673	10/05/1999	Kodama et al.	
/JP/		5,970,173	10/19/1999	Lee et al.	
/JP/		5,970,175	10/19/1999	Nishikawa et al.	
/JP/		5,973,743	10/26/1999	Han	
		5,973,755	10/26/1999	Gabriel	
/JP/ /JP/		5,929,940	07/27/1999	Jeannin	
/JP/		5,982,438	11/09/1999	Lin et al.	
/JP/		5,990,960	11/23/1999	Murakami et al.	
/JP/		5,991,447	11/23/1999	Eifrig et al.	

EXAMINER /Jayesh Patel/	DATE 06/19/2007
SIGNATURE:	CONSIDERED:

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Art Unit	2621
Examiner Name	Jose L. Couso

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
/JP/		6,002,439	12/14/1999	Murakami et al.
/JP/		6,005,980	12/21/1999	Eifrig et al.
/JP/		6,011,596	02/04/2000	Burl
/JP/		6,026,195	02/15/2000	Eifrig et al.
/JP/		6,040,863	03/21/2000	Kato
/JP/		6,067,322	05/23/2000	Wang
/JP/	·	6,094,225	07/25/2000	Han
/JP/		6,097,759	08/01/2000	Murakami et al.
/JP/		6,130,963	10/10/2000	Uz et al.
/JP/		6,188,725	02/13/2001	Sugiyama
/JP/		6,188,794	02/13/2001	Nishikawa et al.
/JP/		6,201,927	03/13/2001	Comer
/JP/		6,205,176	03/20/2001	Sugiyama
/JP/		6,219,070	04/17/2001	Baker et al.
/JP/		6,219,464	04/17/2001	Greggain et al.
/JP/		6,233,017	05/15/2001	Chaddha
/JP/		6,243,418	06/05/2001	Kim ·
/JP/		6,263,024	07/17/2001	Matsumoto
/JP/	· ·	6,271,885	08/07/2001	Sugiyama
/JP/		6,281,942	08/28/2001	Wang
/JP/		6,282,243	08/28/2001	Kazui et al.
/JP/	,	6,295,376	09/25/2001	Nakaya

EXAMINER SIGNATURE:	/Jayesh Patel/	DATE CONSIDERED:	06/19/2007
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U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
/JP/		6,307,887	10/23/2001	Gabriel
/JP/		6,307,973	10/23/2001	Nishikawa et al.
/JP/		6,320,593	11/20/2001	Sachs et al.
/JP/		6,324,216	11/27/2001	Igarashi
/JP/		6,337,881	01/08/2002	Chaddha
/JP/		6,377,628	04/23/2002	Schultz et al.
/JP/		6,381,279	04/30/2002	Taubman
/JP/		6,404,813	06/11/2002	Haskell et al.
/JP/		6,418,166	07/09/2002	Wu et al.
/JP/		6,430,316	08/06/2002	Wilkinson
/JP/		6,441,842	08/27/2002	Fandrianto et al.
/JP/		6,529,632	03/04/2003	Nakaya et al.
/JP/		6,539,056	03/25/2003	Sato et al.
/JP/		6,647,061	11/11/2003	Panusopone et al.
/JP/		6,650,781	11/18/2003	Nakaya
/JP/		6,728,317	04/27/2004	Demos
/JP/		RE 34,965	06/13/1995	Sugiyama
/JP/		RE 35,093	11/21/1995	Wang et al.
/JP/		RE 35,158	02/20/1996	Sugiyama
/JP/		RE 35,910	09/29/1998	Nagata et al.
/JP/		RE 36,507	01/18/2000	Iu
/JP/		RE 36,822	08/15/2000	Sugiyama

EXAMINER SIGNATURE:	/Jayesh Patel/	DATE CONSIDERED:	06/19/2007
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[•] Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
/JP/		RE 37,222	06/12/2001	Yonemitsů
/JP/		20020186890	12/12/2002	Lee et al.
/JP/		20030099292	05/29/2003	·Wang et al.
/JP/		20030112864	06/19/2003	Karczewicz et al.
/JP/		20030142748	07/31/2003	Tourapis
/JP/		20030152146	08/14/2003	Lin et al.
/JP/		20030156646	08/21/2003	Hsu et al.
/JP/		20050013497	01/20/2005	Hsu et al.
/JP/		20050013498	01/20/2005	Srinivasan
/JP/		20050036759	02/17/2005	Lin et al.
/JP/		20050100093	05/12/2005	Holcomb
/JP/		20060013307	01/19/2006	Olivier et al.
Examiner's Initials*	Cite No. (optional)	Number	Filing Date	Name of Applicant or Patentee
/JP/		60/341,674	12/17/2001	Lee et al.

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
/JP/		EP	0397402	11/14/1990	Matsushita Electric Ind.
/JP/		EP	0526163	02/03/1993	Matsushita Electric Ind.

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Art Unit	2621	
Examiner Name	Jose L. Couso	

FOREIGN	PATENT	DOCUMENT	S

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
/JP/		EP	0535746	04/07/1993	Philips Electronics UK, Ltd.
/JP/		EP	0863675	09/09/1998	Gen. Instrument Corp.
/JP/		EP	0884912	12/16/1998	Hitachi Ltd.
/JP/		GB	2,343,579	05/10/2000	IBM
/JP/		JР	62 213 494	09/19/1987	Kokusai Denshin Denwa
/JP/		JP	6 078 298	03/18/1994	Kokusai Denshin Denwa
/JP/		JP	10 056 644	02/24/1998	Matsushita Electric Ind.
/JP/		JР	3 129 986 (abstract)	03/06/1991	Sony Corp.
/JP/		PCT	WO 00/33581	08/06/2000	Microsoft Corp.
/JP/		PCT	WO 03/026296	03/27/2003	Nokia Corp.

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS		
/JP/		Bartkowiak et al., "Color Video Compression Based on Chrominance Vector Quantization," 7th Int'l Workshop on Systems, Signals and Image Processing, IWSSIP 2000, Maribor 7-9 VI, pp. 107-110 (2000).		
/JP/		Benzler et al., "Improving multiresolution motion compensating hybrid coding by drift reduction," <i>Picture Coding Symposium</i> , 4 pp. (1996).		
/JP/		Benzler et al., "Motion and aliasing compensating prediction with quarter-pel accuracy and adaptive overlapping blocks as proposal for MPEG-4 tool evaluation - Technical description," ISO/IEC JTC1/SC29/WG11, MPEG 95/0552, 5 pp., document marked 1995.		
/JP/		Benzler, "Results of core experiment P8 (Motion an Aliasing compensating Prediction)," ISO/IEC JTC1/SC29/WG11, MPEG97/2625, 8 pp., document marked 1997.		

EXAMINER SIGNATURE: DATE CONSIDERED: 06/19/2007

[•] Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

DEFEAR VACOUS 3302-0612-01 TOTAL SUSSESSION	Attorney Docket Number	3382-66128-01
	Application Number	10/622,284
INFORMATION DISCLOSURE STATEMENT	Filing Date	July 18, 2003
BY APPLICANT	First Named Inventor	Hsu
	Art Unit	2621
	Examiner Name	Jose L. Couso

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
/JP/		Borman et al., "Block-matching Sub-pixel Motion Estimation from Noisy, Under-Sampled Frames — an Empirical Performance Evaluation," SPIE Visual Comm. & Image Processing, 10 pp. (1999).
/JP/		Conklin et al., "Multi-resolution Motion Estimation," Proc. ICASSP '97, Munich, Germany, 4 pp. (1997).
JP	1217	Davis et al., "Equivalence of subpixel motion estimators based on optical flow and block matching," Proc. IEEE Int'l Symposium on Computer Vision, pp. 7-12 (1995).
/JP/		de Haan et al., "Sub-pixel motion estimation with 3-D recursive search block-matching," Signal Processing: Image Comm. 6, pp. 229-239 (1994).
/JP/	•	Ebrahimi, "MPEG-4 Video Verification Model Version 10.0," ISO/IEC JTC1/SC29/WG11, MPEG98/N1992, pp. 1, 43-52, 72-74, 123-130, and 190, document marked 1998.
/JP/		Ericsson, "Fixed and Adaptive Predictors for Hybrid Predictive/Transform Coding," IEEE Transactions on Comm., vol. COM-33, no. 12, pp. 1291-1302 (1985).
/JP/		Flierl et al., "Multihypothesis Motion Estimation for Video Coding," <i>Proc. DCC</i> , 10 pp. (March 2001).
/JP/	·	Girod, "Efficiency Analysis of Multihypothesis Motion-Compensated Prediction for Video Coding," <i>IEEE Transactions on Image Processing</i> , Vol. 9, No. 2, pp. 173-183 (February 2000).
JP	12/14	Girod, "Motion-Compensating Prediction with Fractional-Pel Accuracy," IEEE Transactions on Comm., vol. 41, no. 4, pp. 604-612 (1993).
TP	12/14	Girod, "Motion Compensation: Visual Aspects, Accuracy, and Fundamental Limits," Motion Analysis and Image Sequence Processing, Kluwer Academic Publishers, pp. 125- 152 (1993).
/JP/		Horn et al., "Estimation of Motion Vector Fields for Multiscale Motion Compensation," Proc. Picture Coding Symp. (PCS 97), pp. 141-144 (Sept. 1997).
/JP/		ITU - Q15-F-24, "MVC Video Codec - Proposal for H.26L," Study Group 16, Video Coding Experts Group (Question 15), 28 pp. (document marked as generated in 1998).
/JP/		Iwahashi et al., "A Motion Compensation Technique for Downscaled Pictures in Layered Coding," <i>IEICE Transactions on Comm.</i> , vol. E77-B, no. 8, pp. 1007-1012 (Aug. 1994).
/JP/		Keys, "Cubic Convolution Interpolation for Digital Image Processing," IEEE Transactions on Acoustics, Speech & Signal Processing, vol. ASSP-29, no. 6, pp. 1153-1160 (1981).

		I	
EXAMINER SIGNATURE:	/Jayesh Patel/	DATE CONSIDERED:	06/19/2007

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information disclosure statement
BY APPLICANT

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Art Unit	2621	
Examiner Name	Jose L. Couso	

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
/JP/		Konrad et al., "On Motion Modeling and Estimation for Very Low Bit Rate Video Coding," Visual Comm. & Image Processing (VCIP '95), 12 pp. (May 1995).
/JP/		Lopes et al., "Analysis of Spatial Transform Motion Estimation with Overlapped Compensation and Fractional-pixel Accuracy," <i>IEEE Proc. Visual Image Signal Processing</i> , vol. 146, no. 6, pp. 339-344 (Dec. 1999).
/JP/		Microsoft Corp., "Microsoft Debuts New Windows Media Player 9 Series, Redefining Digital Media on the PC," 4 pp. (document marked September 4, 2002) [Downloaded from the World Wide Web on May 14, 2004].
/JP/		Morimoto et al., "Fast Electronic Digital Image Stabilization," Proc. ICPR, Vienna, Austria, 5 pp. (1996).
JP	12/14	"Overview of MPEG-2 Test Model 5," 5 pp. [Downloaded from the World Wide Web on March 1, 2006].
/JP/		Reader, "History of MPEG Video Compression – Ver. 4.0," 99 pp., (document marked December 16, 2003).
/JP/		Ribas-Corbera et al., "On the Optimal Block Size for Block-based Motion-Compensated Video Coders," SPIE Proc. of Visual Comm. & Image Processing, vol. 3024, 12 pp. (1997).
/JP/		Ribas-Corbera et al., "On the Optimal Motion Vector Accuracy for Block-based Motion-Compensated Video Coders," <i>Proc. SPIE Digital Video Compression</i> , San Jose, CA, 13 pp. (1996).
/JP/		Schultz et al., "Subpixel Motion Estimation for Super-Resolution Image Sequence Enhancement," Journal of Visual Comm. & Image Representation, vol. 9, no. 1, pp. 38-50 (March 1998).
JP	12/14	"The TML Project WEB-Page and Archive" (including pages of code marked "image.cpp for H.26L decoder, Copyright 1999" and "image.c"), 24 pp. [Downloaded from the World Wide Web on June 1, 2005].
/JP/		Triggs, "Empirical Filter Estimation for Subpixel Interpolation and Matching," Int'l Conf. Computer Vision '01, Vancouver, Canada, 8 pp. (July 2001).
/JP/		Triggs, "Optimal Filters for Subpixel Interpolation and Matching," Int'l Conf. Computer Vision '01, Vancouver, Canada, 10 pp. (July 2001).
/JP/		"Video Coding Using Wavelet Decomposition for Very Low Bit-rate Networks," 16 pp. (1997).
/JP/		Wang et al., "Interlace Coding Tools for H.26L Video Coding," ITU-T SG16/Q.6 VCEG-O37, pp. 1-20 (Dec. 2001)

EXAMINER SIGNATURE:	/Jayesh Patel/	DATE CONSIDERED:	06/19/2007

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Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
/JP/		Weiss et al., "Real Time Implementation of Subpixel Motion Estimation for Broadcast Applications," pp. 7/1-7/3 (1990).
/JP/		Wu et al., "Joint estimation of forward and backward motion vectors for interpolative prediction of video," <i>IEEE Transactions on Image Processing</i> , vol. 3, no. 5, pp. 684-687 (Sept. 1994).
/JP/		Yang et al., "Very High Efficiency VLSI Chip-pair for Full Search Block Matching with Fractional Precision," Proc. ICASSP/IEEE Int'l Conf. on Accoustics, Speech & Signal Processing, Glasgow, pp. 2437-2440 (May 1989).
/JP/		Yu et al., "Two-Dimensional Motion Vector Coding for Low Bitrate Videophone Applications," <i>Proc. Int'l Conf. on Image Processing</i> , Los Alamitos, US, pp. 414-417, IEEE Comp. Soc. Press (1995).
/JP/		Zhang et al., "Adaptive Field/Frame Selection for High Compression Coding," MERL TR-2003-29, 13 pp. (Jan. 2003)
JP	12/14	Printouts of FTP directories from http://ftp3.itu.ch , 8 pp. (downloaded from the World Wide Web on September 20, 2005.)

EXAMINER SIGNATURE:	/Jayesh Patel/	DATE CONSIDERED:	06/19/2007

[•] Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Art Unit	2621
Examiner Name	To be assigned

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS			
/JP/		Mook, "Next-Gen Windows Media Player Leaks to the Web," BetaNews, 17 pp. (July 19, 2002) [Downloaded from the World Wide Web on August 8, 2003].			
/JP/		ITU-T, "ITU-T Recommendation H.261: Video Codec for Audiovisual Services at p x 64 kbits," 28 pp. (1993).			
JP	烂	ITU-T, "ITU-T Recommendation H.262: Information TechnologyGeneric Coding of Moving Pictures and Associated Audio Information: Videol," 218 pp. (1995).			
		ITU-T, "ITU-T Recommendation H.263: Video Coding for Low Bit Rate Communication," 167 pp. (1998).			
		ISO/IEC, "ISO/IEC 11172-2: Information Technology - Coding of Moving Pictures and Associated Audio for Storage Media at up to About 1,5 Mbit/s," 122 pp. (1993).			
		ISO/IEC, "Information Technology - Coding of Audio-Visual Objects: Visual, ISO/IEC 14496-2, Committee Draft," 330 pp. (1998).			
JP	12/4	Joint Video Team of ISO/IEC MPEG and ITU-T VCEG, "Committee Draft of Joint Video Specification (ITU-T Recommendation H.264, ISO/IEC 14496-10 AVC," 142 pp. (August 2002).			
		·			

EXAMINER SIGNATURE:	/Jayesh Patel/	DATE CONSIDERED:	06/18/2007	

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Attorncy Reference Number 3382-66128-01 Application Number 10/622,284

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hsu et al.

Application No. 10/622,284

Filed: July 18, 2003 Confirmation No. 4607

INTRAFRAME AND INTERFRAME

INTERLACE CODING AND DECODING

Examiner: Jayesh A. Patel

Art Unit: 2624

Attorney Reference No. 3382-66128-01

Attorney or Agent

shown holow.

for Applicant(s)_

Date Transmitted November 30, 2007

COMMISSIONER FOR PATENTS

AMENDMENT

This responds to the Office action dated July 2, 2007 ("Office action"). Please amend the referenced application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2.

Remarks begin on page 13.

Please Enter the Amendment
JP 12/14/07

Applicant(s)/Patent Under Application/Control No. Reexamination 10/622,284 HSU ET AL. **Notice of References Cited** Art Unit Examiner Page 1 of 1 2624 Jayesh A. Patel

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	Α	US-5,974,184	10-1999	Eifrig et al.	382/236
*	В	US-2004/0141654	07-2004	Jeng, Yi-Yung	382/238
*	С	US-5,959,674	09-1999	Jang et al.	375/240.2
*	D	US-6,215,905	04-2001	Lee et al.	382/238
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	K	US-			
	L	US-			
	М	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
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